

# Spring 2022 EE214 Experiment 1

## Diodes and Rectifiers

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## 1 Introduction

In this document the actions corresponding requirements defined in the Experiment Manual are represented.

## 2 Experimental Results and Discussion

### 2.1 Step 1

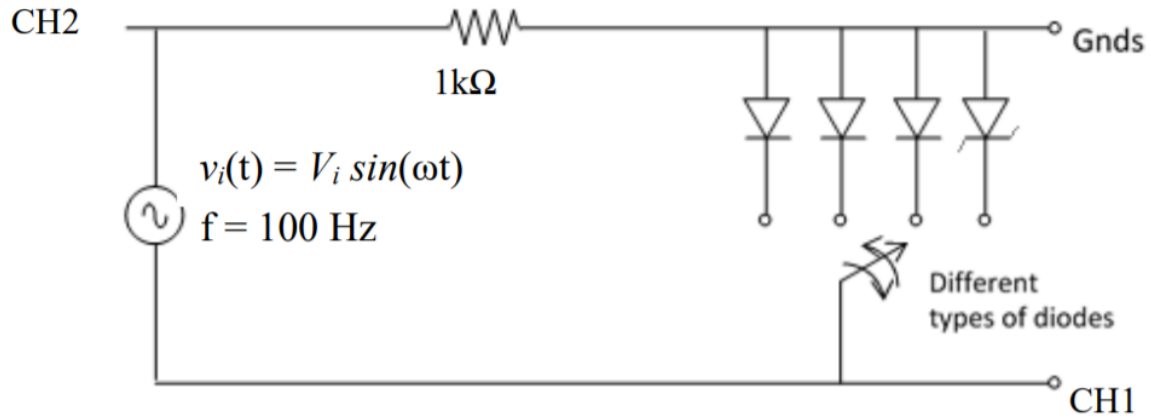


Figure 1: Circuit schematic for the step 1

2.1.1 a)

2.1.2 b)

### 2.2 Step 2

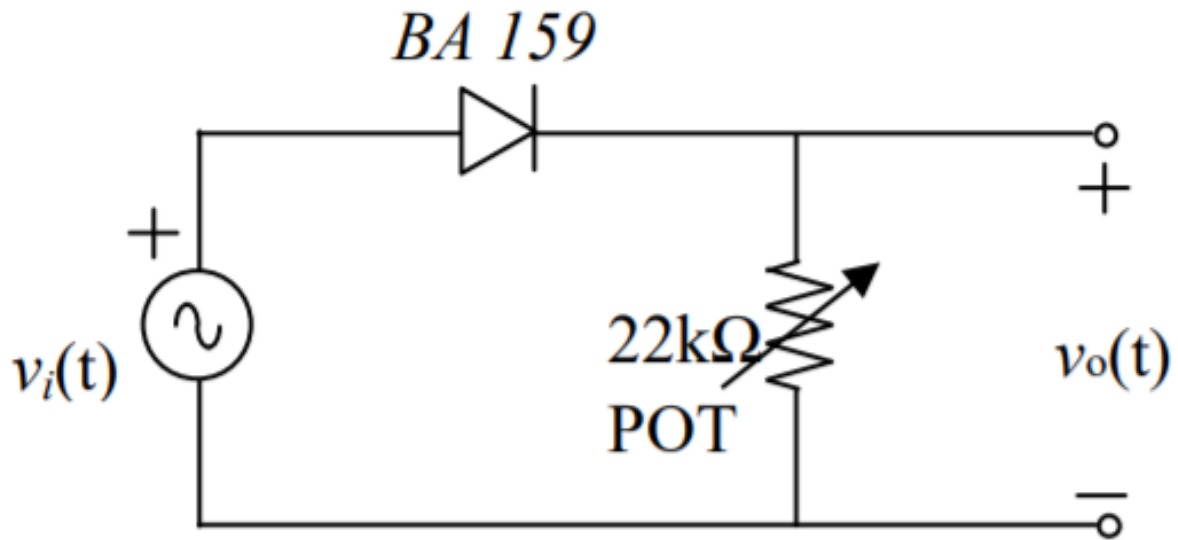


Figure 2: Circuit schematic for the step 2

2.2.1 a)

2.2.2 b)

2.3 Step 3

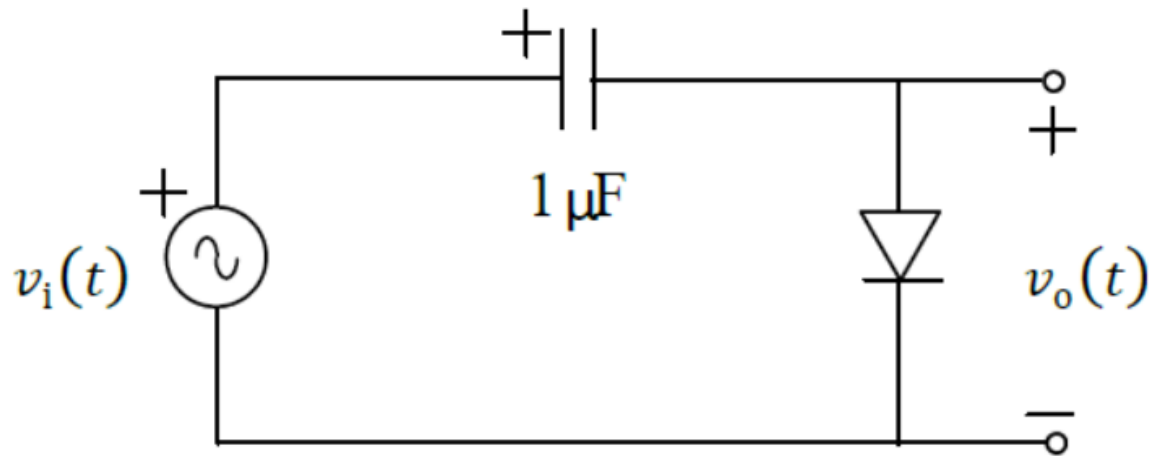


Figure 3: Circuit schematic for the step 3

2.4 Step 4

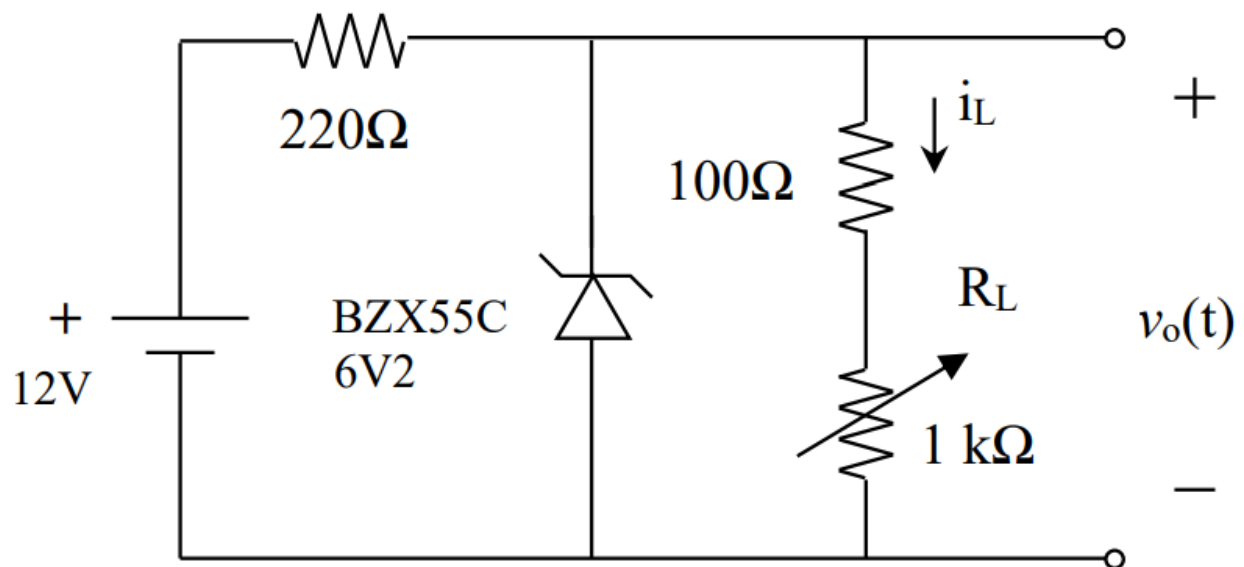


Figure 4: Circuit schematic for the step 4

### 3 Conclusion

### Appendix A

- PreLab Preparation 6 hours
- Experimental Work 2 hours
- Report Writing 6 hours